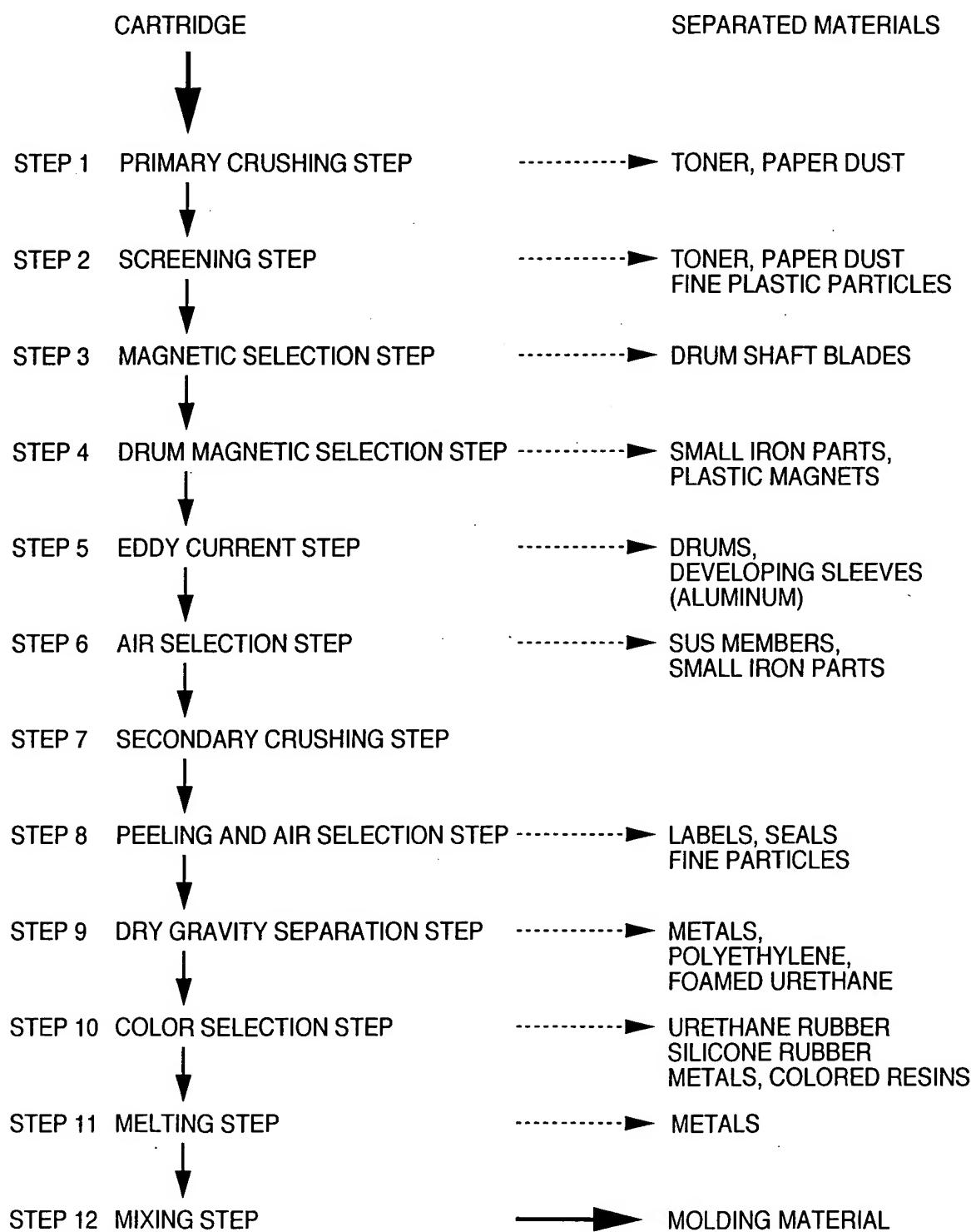


2/9

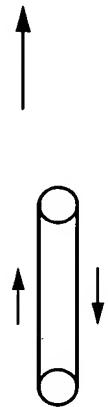
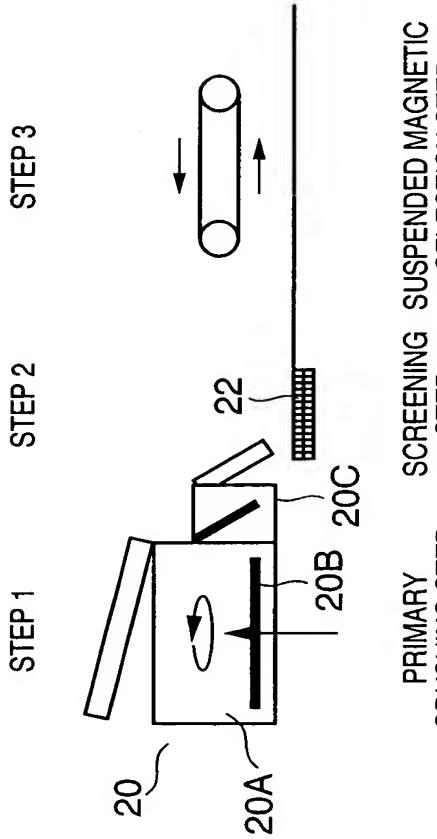
## FIG. 2



**INVENTOR:** Noboru KOUMURA, et al.  
**TITLE:** METHOD OF RECYCLING...  
**Appln. No.:** 10/717,479  
Sheet 2 of 8 Filed: November 21, 2003  
**Docket No.:** 00862.023336

3/9

3  
FIG.



### DRUM MAGNETIC SELECTION STEP

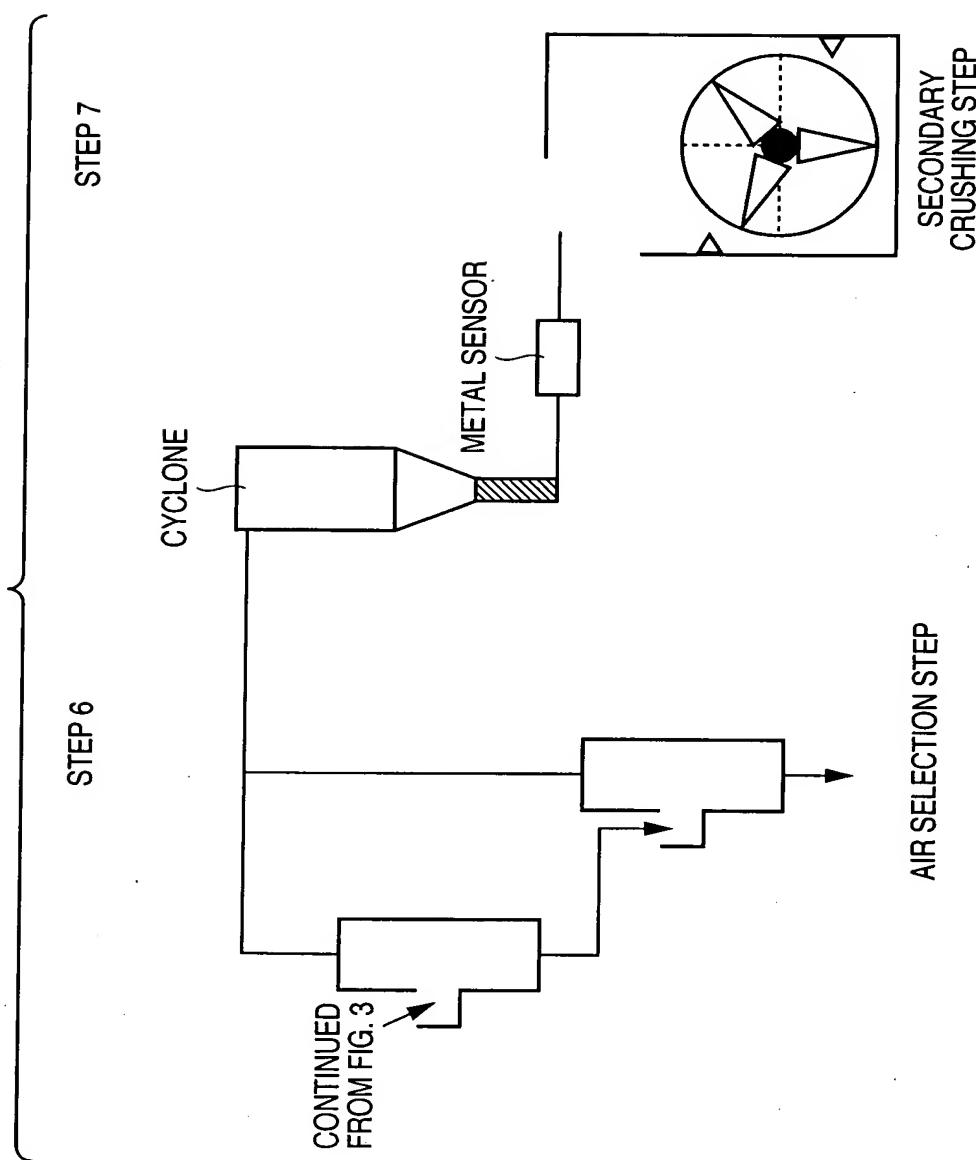


EDDY CURRENT STEP

INVENTOR: Noboru KOUMURA, et al.  
TITLE: METHOD OF RECYCLING...  
Appln. No.: 10/717,479  
Sheet 3 of 8 Filed: November 21, 2003  
Docket No.: 00862.023336

4/9

FIG. 4

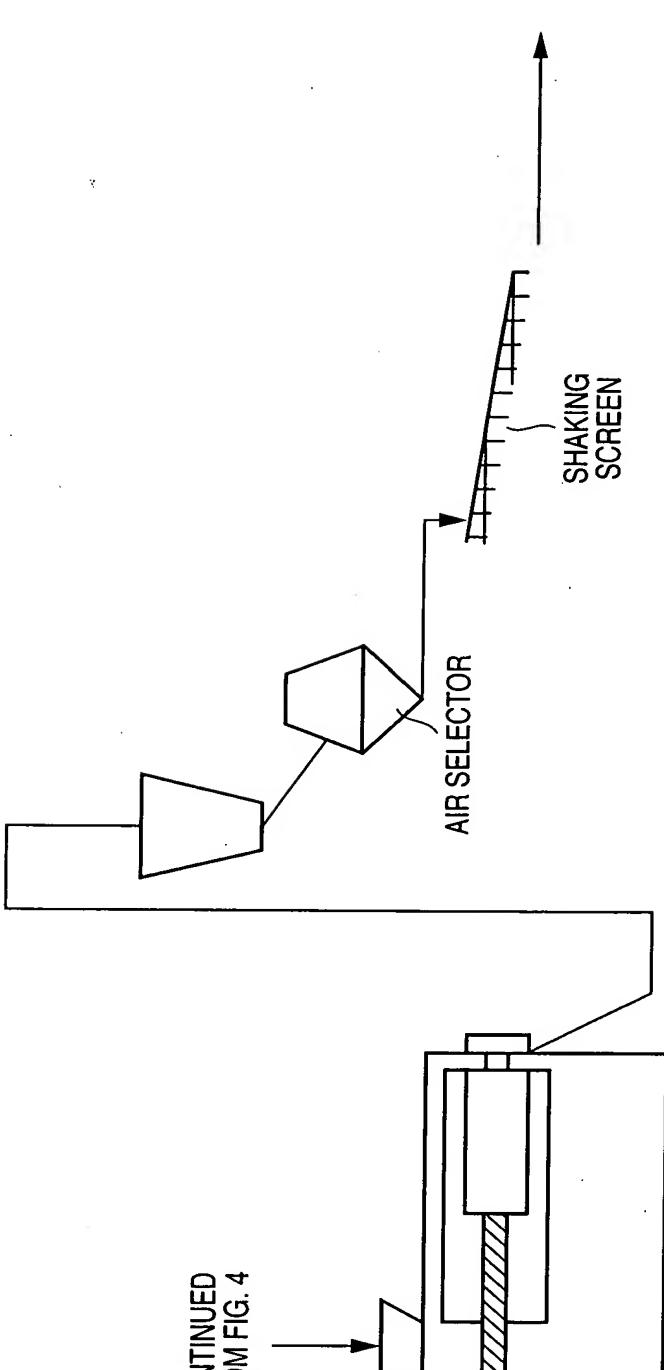


INVENTOR: Noboru KOUMURA, et al.  
TITLE: METHOD OF RECYCLING...  
Appln. No.: 10/717,479  
Sheet 4 of 8 Filed: November 21, 2003  
Docket No.: 00862.023336

5/9

FIG. 5

STEP 8

CONTINUED  
FROM FIG. 4PEELING AND AIR  
SELECTION STEP

INVENTOR: Noboru KOUMURA, et al.  
TITLE: METHOD OF RECYCLING...  
Appln. No.: 10/717,479  
Sheet 5 of 8 Filed: November 21, 2003  
Docket No.: 00862.023336

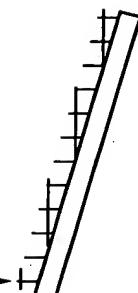
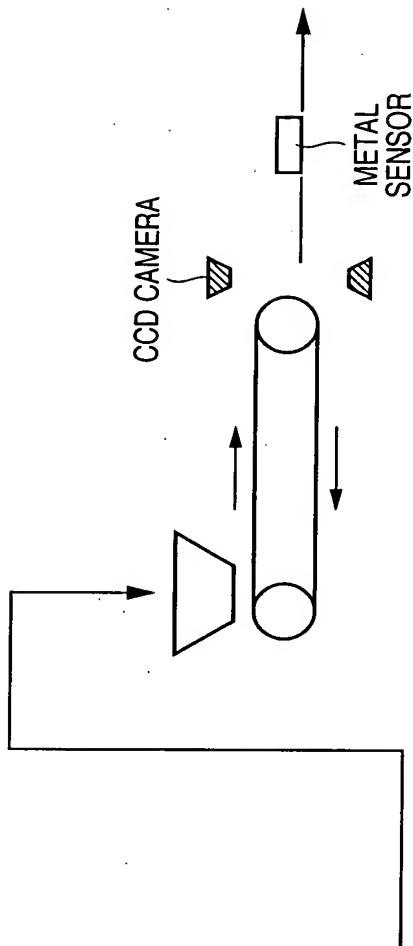
6/9

## FIG. 6

STEP 9

CONTINUED  
FROM FIG. 5

STEP 10

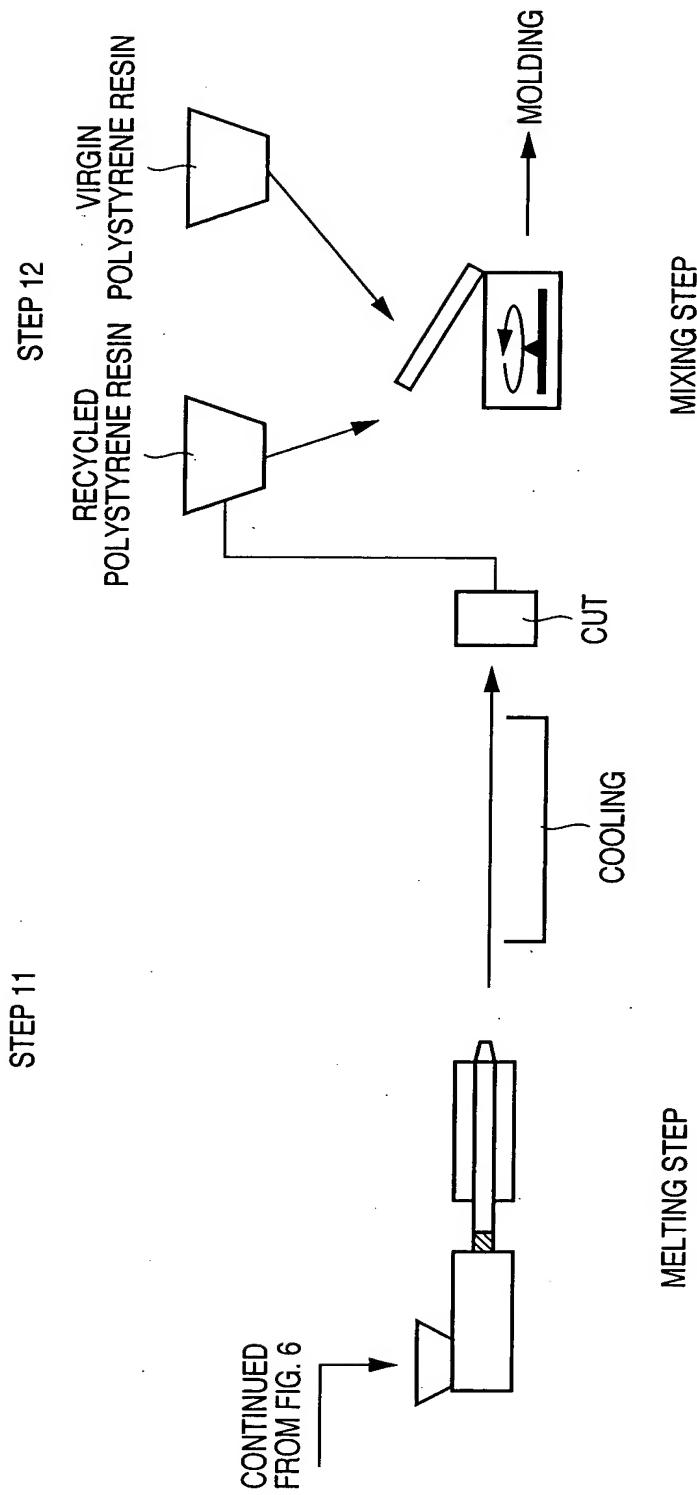
DRY GRAVITY  
SEPARATION STEP

COLOR SELECTION STEP

INVENTOR: Noboru KOUMURA, et al.  
TITLE: METHOD OF RECYCLING...  
Appn. No.: 10/717,479  
Sheet 6 of 8 Filed: November 21, 2003  
Docket No.: 00862.023336

7/9

FIG. 7



INVENTOR: Noboru KOUNURA, et al.  
TITLE: METHOD OF RECYCLING...  
Appln. No.: 10/717,479  
Sheet 7 of 8 Filed: November 21, 2003  
Docket No.: 00862.023336

8/9

## FIG. 8

PLASTIC REFLECTION DENSITY MEASUREMENT RESULTS				
COLOR	MATERIAL	REFLECTION DENSITY		
		MIN	MAX	AV
BLACK 1	HIPS	1.5	1.59	1.54
BLACK 2	HIPS	1.55	1.66	1.62
BLACK 3	HIPS	1.31	1.5	1.4
GRAY 1	HIPS	1.21	1.37	1.29
BLUE 1	PP	0.53	0.68	0.58
GREEN 1	PP	0.54	0.64	0.59
VERMILION 1	ABS	0.5	0.55	0.52
MILK WHITE 1	POM.	0.37	0.41	0.39
MILK WHITE 2	POM	0.22	0.32	0.25

9/9

INVENTOR: Noboru KOUMURA, et al.  
 TITLE: METHOD OF RECYCLING...  
 Appln. No.: 10/717,479  
 Sheet 8 of 8 Filed: November 21, 2003  
 Docket No.: 00862.023336

**F I G. 9**

MEASUREMENT APPARATUS : Macbeth RD914 ( MONOCHROME MODE )		
TEST ITEMS	A	B
GRAVITY	1.12	1.11
MI (g / 10min)	4.1	4.1
TENSILE BREAK STRENGTH (Mpa)	26	25
BENDING STRENGTH (Mpa)	43	44
IZOD IMPACT STRENGTH (KJ / m <sup>2</sup> )	8	7.5
FLAMMABILITY	V-2	V-2
SHRINKAGE FACTOR 200mm (%)	0.59	0.58